

PI 562659 to 562688-continued

PI 562688 **donor id:** 13619. **origin:** Malawi. **other id:** PR-6337.
remarks: Field Collection. Cultivated. Seed.

PI 562689. *Phaseolus vulgaris* L. FABACEAE Bean

Donated by: Henson, R.A., EMBRAPA/CNPAP, EPAMIG, UFV, ESAL, Pesagro, Goiania, Goias 74001-970, Brazil. **remarks:** Ouro Negro Common Bean. Received October 13, 1992.

origin: Brazil. **developed:** R.A. Henson, P.A.A Pereira, J.E.S. Carneiro, F.A. Bliss. **origin institute:** EMBRAPA/CNPAP, EPAMIG, UFV, ESAL, Pesagro, Goiania, Goias 74001-970 Brazil. **cultivar:** OURO NEGRO. **pedigree:** May have been from genetic mixture. Introduced to Brazil from Honduras by CIAT. **other id:** CV-105. **group:** CSR-OTHER LEGUMES. **other id:** CNF 0480. **remarks:** Growth habit semi-prostrate to prostrate. Intermediate between type II & type III, with growth cycle of 85 days. Seeds dull black, similar to but larger than ICA PIJAO. 50 seed wt. 11.3 under Brazilian condition. Res. to Race alfa- Brasil of antracnose (*Colletotrichum lindemuthianum*). Mod. level of res. to bean rust (*Uromyces appendiculatus*). Based on comparisons using total accumulated shoot N, 15N isotope dilution, acetylene reduction activity, nodule mass & grain yield of plants grown on soil where N is limiting, fixes more atmospheric N₂ than commercial cultivars in Brazil. Annual. Cultivar. Seed.

PI 562690. *Cynodon nlemfuensis* Vanderyst var. *nlemfuensis* POACEAE

Donated by: Mislevy, P., Florida Agr. Exp. Sta., University of Florida, Ona, Florida 33865, United States; and Agricultural Research Service -- USDA; and Puerto Rico Agr. Exp. Sta.. **remarks:** Florico stargrass. Received October 13, 1992.